1957 SUBJECT INDEX

A listing of all major aerosol articles carried in *Aerosol Age* for the year

Advertising and Publicity

Aerosol Advertising (Editorial) ..... Feb. 13
Aerosol Publicity Program (Editorial) ..... Jan. 9
Aerosol Publicity Program (Editorial) ..... April 13
Consumer Publicity Program is Launched ..... June 59
Growing Up in Advertising (Editorial) ..... Sept. 13
Need for Publicity, The (Editorial) ..... July 13
Publicity, How We Can Help Meet the Need For Aerosol ..... July 31
Publicity Program, Industry Launches Consumer ..... June 59

Components and Raw Materials

Chlorothene, New Chlorinated Solvent ..... Jan. 16
Fragrance in the Aerosol Package ..... Jan. 50
Lanolins for Aerosols I (Malmstrom) ..... April 31
Lanolins for Aerosols II (American Cholesterol) ..... May 16
Lanolins for Aerosols III—Croda, A Major World Source ..... June 49
New Materials for Nitrogen-Powered Aerosols ..... Dec. 57
Odorization of Aerosol Products ..... April 17
Polyvinyl Pyrollidone ..... Feb. 22
Sesoxane, New Synergist for Pyrethrum Insecticides ..... Jan. 22

Containers

Aerosol Containers ..... Sept. 25
Aerosol Containers Introduced at CSMA Convention ..... Jan. 29
Aluminum Cans, Food Containers, Hydrocarbon Propellants Highlight Scientific Subjects at Convention ..... July 19
Aluminum for Aerosols, Advantages of ..... July 49
Aluminum, Strip Casting ..... Aug. 24
Answer to the Mr. Pickthall, An ..... Dec. 43
Glass, Aerosol Controversy, Uncoated ..... Nov. 14
Glass the Uncoated Controversy . . . II ..... Dec. 43
Glass Aerosols, How Safe Are Uncoated ..... July 39
Glass Aerosols, Uncoated (Editorial) ..... May 11
New Two-Piece Container for Packaging Food Products ..... July 23
Nylon Opens a New Era in Aerosol Containers ..... June 37
Package Design, Art Comes to Aerosol ..... Nov. 13
Pet Market, A New Package for the ..... Aug. 21
Plastic-Coated Glass Aerosols at SCC Meeting ..... June 55
Specialty Containers, The Role of ..... March 33

Custom and Private Label Filling

Aerosols in Northern California ..... June 65
Bon Ami, The Jet-Spray ..... March 10
Custom Filling Vs. Do It Yourself (I) ..... June 25
(II) ..... Aug. 28
Nestle-LeMur ..... April 14
Peterson Filling, A Pictorial Visit to ..... Oct. 40
Titan Holds Open House at New Colorado Plant ..... Nov. 42
Titan Readies Aerosol Production Line ..... Sept. 59
Western Filling, First to Custom Fill Food Products ..... Dec. 30
West, Why Package in the ..... Feb. 17

Foreign Reports

Aerosols Boom in Australia ..... Jan. 18
Aerosols in Finland ..... Oct. 45
Aerosols in Japan ..... May 21
Aerosols in South America ..... Sept. 49
Argentine Industry, Propellant Costs Hinder ..... Feb. 47
Aerosols in Great Britain ..... Aug. 12
Mexican Aerosol Industry ..... Feb. 49
Norwegian Aerosol Research in the 1930's ..... Nov. 24
Rotheim, Erik; Aerosol Pioneer Extraordinary ..... March 18
Secrecy as a Factor in Europe ..... Aug. 36

Marketing

Aerosol Market ..... Sept. 40
Braznell Story, The ..... Sept. 51
DuPont Survey of Consumer Market ..... Jan. 10
DuPont Surveys Indicate Consumer Will Pay Premium Price for Aerosols ..... Aug. 18
Industry Chided on Failure to Educate Consumer ..... July 15
Marketers Missing 85% of Potential Sales ..... Jan. 10
Pressurized Packages for Automotive Uses ..... Jan. 21
Product Pricing (Editorial) ..... Feb. 13
Survey Finds Aerosol Cologne Preference High ..... June 98

Meeting Reports

Aerosol Division, Report of Chairman ..... Jan. 16
Aerosol Scientific Committee, Review of Activities ..... Jan. 14
CSMA 43rd Midyear Meeting Hears Industry Chided for Failure to Educate Consumer ..... July 15
CSMA Meets in New York ..... Oct. 75
CSMA, Washington Convention ..... Jan. 10
CSMA Convention, Containers Introduced at ..... Jan. 29
European Aerosol Association, Frankfurt Meeting to Discuss ..... Dec. 35
Midyear Meeting Hears Papers on Food Containers, Hydrocarbon Propellants, Aluminum Cans ..... July 19
National Garden Show in Chicago, Aerosols at ..... Jan. 49
National Housewares Exhibit ..... Aug. 30
National Packaging Exposition in Chicago ..... April 36
Packaging Show in Chicago ..... May 12
Perfumers Symposium in New York ..... May 15
Pharmaceutical Symposium Meeting Report ..... Oct. 65
Safety Record, Industry Praised On Its ..... Oct. 58
SCC Meets in Chicago ..... Oct. 57
SCC Meeting Hears Paper on Plastic-Coated Glass Aerosols ..... June 55
TGA, Cosmetic Chemists, APMA Meet in N. Y. ..... Jan. 27
Washington Convention of CSMA ..... Jan. 10

Packaging and Filling

Bridgeport—Aerosol City ..... Feb. 18
Developments in Pressure Filling ..... Feb. 30
Techniques of Pressure Filling ..... June 34
Why Package in the West? ..... Feb. 17

Propellants

Bulk Storage of Methylene Chloride ..... March 20
Hydrocarbon Propellants, Food Containers, Aluminum Cans Highlight Scientific Subjects at Convention ..... July 19
Nitrogen Propellant Development Reported ..... Oct. 102A
Nitrogen-Powered Aerosols, New Materials for ..... Dec. 57
Pennsalt Isotron Plant Completes First Shipment ..... Feb. 21
Propellant Costs Hinder Argentine Industry ..... Feb. 47
Propellant Development Reported, Nitrogen ..... Oct. 102A
Propellants, Flammable, Safe Handling of ..... April 40
Propellants, New Pharmaceutical Development Eliminates Chilling Effect of Aerosol ..... Nov. 33
Propellant Systems, Typical Aerosol ..... Sept. 44
Propellant Unit, Carbide Announces Plans for New ..... March 28
Pumps for Propellants ..... Feb. 15

Research and Testing

Analysis of Volatile Components of Aerosols ..... Jan. 13
Clinch Testing, A New Device for ..... July 42
Chromatography, for Analysis of Volatile Components ..... Jan. 13
Droplet Particle Size in the Aerosol Field, Significance of ..... Dec. 38
Emulsion Aerosol Sprays, A Look At ..... Jan. 34
Gas-Liquid Phase Chromatography ..... Jan. 13

Measuring Particle Size....Aug. 21
Optimum Particle Size for Insecticidal Aerosols....Jan. 15
Particle Size, Measuring....Aug. 22
Particle Size, Optimum, for Insecticidal Aerosols....Jan. 15
Problems in Odorization of Aerosol Products....April 17
Spray Measurement in Aerosol, The Significance of....Dec. 38
Research, Norwegian Aerosol in the 1930's....Nov. 24

Safety

ICC Regulations, A Summary of Recent Changes....Dec. 48
Safety Problem Again, The (Editorial)....Nov. 11
Shipments of Aerosols—A Summation of ICC Regulations....Jan. 25
Industry Praised on Its Safety Record....Oct. 58
Legislation, New (Editorial)....March 9

Valves

Aerosol Valves....Oct. 50
Automation Comes to Aerosol Valve Making....June 30
Dip Tubes for Aerosols and Related Products....April 21
Flowed Gaskets....June 44
Gulf Development Announces New Valve....May 14
Valves for Pressurized Packages....Sept. 33

Products

Cosmetics:

Cosmetic Aerosols at College Seminar....July 25
Cologne Preference High, Survey Finds Aerosol....June 98
Cosmetic Chemists, ADMA, TGA, Meet in N. Y....Jan. 27
Powder Sprays, Pressurized....April 24

Foods:

Flavor Symposium Stresses Odor Rivalry....April 52
Food Containers, Hydrocarbon Propellants, Aluminum Cans Highlight Scientific Subjects at Convention..July 19
Food Products, a Solution to the Problem of Packaging..July 23
Food Products, Pressure Packaging of....Oct. 43
Food Products, Western Filling, First to Custom Fill...Dec. 30
Packaging Aerosol Food Products, Equipment for...March 14

Insecticides and Repellents:

Aerosols at National Garden Show in Chicago....Jan. 49
Insecticidal Aerosols, Optimum Particle Size for....Jan. 15
Insecticide Aerosols Tested Against Resistant Flies....Feb. 40
Insecticides, A Panel Discussion on....May 28
Insect Repellents—Another New Aerosol Market....July 34
Insect Repellents, Low-Pressure Aerosol....Nov. 18
Midget Aerosol Insecticide, Fairfield Announces New..Nov. 17
Mothproofing, Pressurized....Oct. 60
Synergist for Pyrethrum Aerosol Insecticides....Jan. 22

Pharmaceuticals:

Antibiotic Medicine, Dawn of a New Era....April 24
Birch-Gattone Patent, The....Nov. 20
Pharmaceutical Aerosols, Basic Patent (Birch-Gattone) For....Nov. 20
Pharmaceutical Applications for Aerosols....Sept. 19
Pharmaceutical Development Eliminates Chilling Effect of Conventional Propellants....Nov. 33
Pressurized Powder Sprays....April 24

Miscellaneous Products:

Automotive Uses, Pressurized Packages for....Jan. 21
Fuel Package, The Pressurized....Aug. 17
Gibberellic Acid in Aerosols....June 43
Multi-Purpose Aerosol—The Fuel Package....Aug. 17

Miscellaneous

Aerosols Hit 320 Million Mark....July 31
Buyer's Guide, Aerosol....Oct. 19
California University Begins Aerosol Courses....March 15
Career Incentives in Science....Nov. 28
Consumer Will Pay Premium Price for Aerosols....Aug. 18
CSMA Aerosol Survey....July 31
Entering the Aerosol Field....Sept. 14
Erik Rotheim—Aerosol Pioneer Extraordinary....March 18
Pharmaceutical Symposium (Editorial)....Aug. 11
Philadelphia College's Course in Pressurized Packaging....April 35
600 Million Units by 1960....Jan. 10
TGA Announces Approval of Cosmetic Ingredient Bill..Oct. 67

Aerosol Age

1957 Author Index

Arrigoni, Antonio; Propellant Costs Hinder Argentine Industry....Feb. 47
Barkann, Roger; Nestle-LeMur....April 14
Barr, Dr. Martin; Possible Pharmaceutical Applications for Aerosols....Sept. 19
Beach, Charles E.; Report of Aerosol Division Chairman....Jan. 16
Blaine, Vincent; Pumps for Propellants....Feb. 15
Beard, Walter C.; Valves for Pressurized Packages....Sept. 33
Clapp, Pete; How We Can Help Meet the Need for Aerosol Publicity....July 31
Edelstein, Albert; Erik Rotheim—Aerosol Pioneer Extraordinary....March 18
Newspaper Article on Early Norwegian Aerosol Research....Nov. 24
Foresman, Robert A.; Aerosol Valves....Oct. 50
Career Incentives in Science....Nov. 28
Entering the Aerosol Field....Sept. 14
A New Device for Clinch Testing....July 42
A Look at Emulsion Aerosol Sprays....Jan. 34
The Role of Specialty Containers....March 33
Safe Handling of Flammable Propellants....April 40
Secrecy as a Factor in Europe....Aug. 36
Garty, Robert; Packaging Show in Chicago....May 12
Genzsch, Erwin O., Developments in Pressure Filling..Feb. 30
Gottlieb, James; Techniques of Pressure Filling....June 34
Graham, W. Earl; Aerosol Containers....Sept. 25
Hawley, Frank; Pumps for Propellants....Feb. 15
Hazelett, Richard; Strip Casting Aluminum....Aug. 24
Herzka, A.; Aerosols in Great Britain....Aug. 12
Johnson, Thomas D.; The Aerosol Market....Sept. 40
Kimmel, J. M., Pressurized Packages for Automotive Uses....Jan. 21
Lefcoe, Sylvan; Why Package in the West?....Feb. 17
Lodes, Frederick G.; Aerosols in South America....Sept. 49
Consumer Publicity Program Launched....June 59
Mattair, Robert; The Consumer Will Pay a Premium Price for Aerosols....Aug. 18
Pautry, Pierre; Advantages of Aluminum for Aerosols..July 49
Pickthall, Jack; More on the Uncoated Glass Aerosol Controversy....Nov. 14
Pizzuro, Joseph; Nylon Opens a New Era in Aerosol Containers....June 37
Seckel, Peter H.; Dip Tubes for Aerosols....April 21
Slawson, H. H.; SCC Meets in Chicago....Oct. 57
Smith, Dr. Carroll N.; Low-Pressure Insect Repellents..Nov. 18
Swain, T. M.; Methylene Chloride in Aerosol Products....March 20
Reed, Winston H.; Methylene Chloride in Aerosol Products....March 20
Tarpley, William B. Significance of Droplet Particle Size in the Aerosol Field....Dec. 38
Talvitie, Yrjo K. K.; Aerosols in Finland....Oct. 45
Teiser, Ruth; Aerosols in Northern California....June 65
Terry, Dr. D. H.; The Jet Spray Bon Ami Story....March 10
Theodorou, Ignatius E.; A. Solution to the Problem of Packaging Food Products....July 23
Tillotson, David S.; Typical Aerosol Propellant Systems....Sept. 44
Root, Morris J.; Measuring Particle Size....Aug. 21
Weiler, Mildred; The Braznell Story....Sept. 61
Wiener, Maria V.; How Safe Are Uncoated Glass Aerosols....July 39
An Answer to Mr. Pickthall....Dec. 43
Wolff, Andrew H.; Aerosols Booming in Australia....Jan. 18
Zellar, Edward H.; Equipment for Packaging Aerosol Food Products....March 14

47
14
19
16
15
33
31
18
24
50
28
14
42
34
33
40
36
12
30
34
25
15
24
12
40
21
17
49
59
18
49
14
37
21
57
18
20
20
38
45
65
10
23
44
21
61
39
43
18
14
57